

AMENDED PATENT CLAIMS

1. (original) A device for measuring and/or establishing sensory disorders especially neuropathies, characterized in that at least one device (2) directs an air stream (10) onto a measuring point (4) on the body of a living organism, especially a person to influence the thermal sensitivity during a measurement process, whereby the thermal sensitivity and/or a change in the thermal sensitivity is correlated with a perceived temperature and for determining the perceived temperature before and/or during the measurement process at least one parameter of the environment and/or the living organism is detected and evaluated.

2. (original) The method according to claim 1 characterized in that the measurement is effected with a constant air stream (10) and a variable spacing between the device (2) and the measurement point (4).

3. (original) The device according to claim 1 characterized in that the measurement is effected by means of a variable air stream (10) at a constant spacing between the device (2) and the measuring point (4).

4. (currently amended) The method according to ~~one of the preceding claims~~ claim 1 characterized in that the measuring point is determined optically by the device and by the superimposition of three light beams.

5. (currently amended) The method according to ~~one of the preceding claims~~ claim 1, characterized in that in the determination of the perceived temperature at least one of the parameters: ambient air temperature, air moisture content, skin temperature or skin moisture is used as an input.

6. (original) A device for the measurement and/or determination of sensory disorders, especially neuropathies, characterized in that the device has means for producing an air stream which is directed against a measuring point on the body of the living organism and has an external or internal sensor with which at least one environmental parameter or parameter of the living organism is measurable and which is involved in the determination of a perceived temperature at the measuring point.

7. (original) The device according to claim 6 characterized in that at least one of the parameters: air temperature, air humidity, skin temperature skin moisture is measurable by a sensor.

8. (currently amended)) The device according to ~~one of the preceding claims~~ claim 3 characterized in that the air stream is variably adjustable or controllable and especially such that an air velocity can be set and/or a volume stream can be adjusted in the determination of the perceived temperature.

9. (currently amended) The device according to ~~one of the preceding claims~~ claim 3 characterized in that it includes means for determining and/or indicating and/or storing a perceived temperature.

10. (currently amended) The device according to ~~one of the preceding claims~~ claim 3 characterized in that it includes means for adjusting a desired spacing between the device and the measuring point.

11. (original) The device according to claim 10 characterized in that the light sources comprise light emitting diodes or laser diodes whose light beams intersect at a predetermined spacing from the device.